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(71) Applicant (for all designated States except US): BELLE WATKINS MINES, INC. [US/US]; 1118 Maple Street, Golden, CO 80401 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): KRUESI, Paul, R. [US/US]; 1118 Maple Street, Golden, CO 80401 (US).

(74) Agents: TRAVER, Robert. D. et al.; Sheridan Ross P.C., 1560 Broadway Suite 1200, Denver, CO 80202-5141 (US). (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

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(54) Title: CARBON-FUELED FUEL CELL

(57) Abstract: A fuel cell in which carbon and water react to form hydrogen or water. The cells utilize electrolyte materials that hold or coordinate water to allow the useful reaction of carbon and water at moderate temperatures without the use of expensive pressure reactors. Activated carbon or carbon recovered from organic waste is used to fuel these cells to produce hydrogen gas or carbon dioxide and power at moderate temperatures and at very low cost.

